

LOCAL ADR	TAGNAME	DESCRIPTION	ALARM LOW	ALARM HIGH	TRIP LOW	TRIP HIGH	DELAY	COMMENT
b2002.0,c10	E:H1RA01	Horn 1 expansion tank pressure low	0 psig (disabled)				15 sec	
b2002.1,c11	E:H1RA02	Horn 1 filter differential pressure low	0 psig (disabled)				15 sec	
b2002.2,c12	E:H1RA03	Horn 1 filter differential pressure high		5 psig			15 sec	
c0	BP_H1RP05	Beam permit Horn 1 filter differential pressure out-of-bounds	0 psig	5 psig			60 sec	If H1 diff press low alm or hi alm > 60sec, drop permit until both alms off
b2002.3,c13	E:H1RA04	Horn 1 water supply temp high		75 deg F			15 sec	
b2002.4,c14	E:H1RA05	Horn 1 water return temp high		85 deg F			15 sec	
b2002.15,c1	E:H1RA16	Beam permit Horn1 supply temp high			75 deg F	15 sec		
b2002.14,c113	E:H1RA15	Horn1 water supply temp low			55 deg F		15 sec	
b2002.5,c15	E:H1RA06	Horn 1 expansion tank level low	12.5 in				15 sec	
b2002.6,c16	E:H1RA07	Horn 1 expansion tank level low**2			10 in		15 sec	Trips beam permit, not motor
b2002.7,c17	E:H1RA08	Horn 1 expansion tank level low**3			7.5 in		1 sec	
b2002.8,c20	E:H1RA09	Horn 1 expansion tank level high		25 in			15 sec	
b2002.9,c21	E:H1RA10	Horn 1 resistivity low	2 meg				15 sec	
b2003.0,c30	E:H2RA01	Horn 2 expansion tank pressure low	0 psig				15 sec	
b2003.1,c11	E:H2RA02	Horn 2 filter differential pressure low	0 psig				15 sec	
b2003.2,c32	E:H2RA03	Horn 2 filter differential pressure high		5 psig			15 sec	
c2	BP_H2RP05	Beam permit Horn 2 differential pressure out-of-bounds	0 psig	5 psig			60 sec	If H2 diff press low alm or hi alm > 60sec, drop permit until both alms off
b2003.3,c33	E:H2RA04	Horn 2 water supply temp high		75 deg F			15 sec	
b2003.4,c34	E:H2RA05	Horn 2 water return temp high		85 deg F			15 sec	
b2003.15,c3	E:H2RA16	Beam permit Horn2 supply temp high			75 deg F	15 sec		
b2003.14,c114	E:H2RA15	Beam permit Horn 2 supply temp low			55 deg F		15 sec	
b2003.5,c35	E:H2RA06	Horn 2 expansion tank level low	12.5 in				15 sec	
b2003.6,c36	E:H2RA07	Horn 2 expansion tank level low**2			10 in		15 sec	Trips beam permit, not motor
b2003.7,c37	E:H2RA08	Horn 2 expansion tank level low**3			7.5 in		1 sec	
b2003.8,c40	E:H2RA09	Horn 2 expansion tank level high		25 in			15 sec	
b2003.9,c41	E:H2RA10	Horn 2 resistivity low	2 meg				15 sec	
b2004.0,c50	E:TBRA01	Target expansion tank pressure low	15 psig				15 sec	
b2004.1,c51	E:TBRA02	Target differential pressure low	5 psig				15 sec	
b2004.2,c52	E:TBRA03	Target differential pressure high		75 psig			15 sec	
c4	BP_TBRP05	Beam permit Target differential pressure out-of-bounds	5 psig	75 psig			60 sec	If TGT diff press low alm or hi alm > 60sec, drop permit until both alms off
b2004.3,c53	E:TBRA04	Target water supply temp high		105 deg F			15 sec	
b2004.4,c54	E:TBRA05	Target water return temp high		125 deg F			15 sec	

c5	BP_TBRT01	Beam permit Target supply temp high				130 deg F	15 sec	Trips beam permit, not motor
b2004.5,c55	E:TBRA06	Target expansion tank level low	15 in				15 sec	
b2004.6,c56	E:TBRA07	Target expansion tank level low**2			6 in		15 sec	Trips beam permit, not motor
b2004.7,c57	E:TBRA08	Target expansion tank level low**3			5 in		1 sec	
b2003.8,c60	E:TBRA09	Target expansion tank level high		20 in			15 sec	
b2003.9,c61	E:TBRA10	Target resistivity low	2 meg				15 sec	
b2005.0,c70	E:DURA01	UDP expansion tank pressure low	5 psig				15 sec	
b2005.3,c73	E:DURA04	UDP water supply temp high		75 deg F			15 sec	
b2005.4,c74	E:DURA05	UDP water return temp high		90 deg F			15 sec	
c7	BP_DURT01	Beam permit UDP supply temp high				95 deg F	15 sec	Trips beam permit
b2005.5,c75	E:DURA06	UDP expansion tank level low	15 in				15 sec	
b2005.6,c76	E:DURA07	UDP expansion tank level low**2			10 in		15 sec	Trips beam permit
b2005.7,c77	E:DURA08	UDP expansion tank level low**3			5 in		1 sec	Trips beam permit
b2005.8,c100	E:DURA09	UDP expansion tank level high		25 in			15 sec	
b2002.10,c22	E:H1RA11	Horn 1 motor A overtemp				Klixon	0	Low motor current and contactor dropped
b2002.11,c23	E:H1RA12	Horn 1 motor B overtemp				Klixon	0	Low motor current and contactor dropped
b2003.10,c42	E:H2RA11	Horn 2 motor A overtemp				Klixon	0	Low motor current and contactor dropped
b2003.11,c43	E:H2RA12	Horn 2 motor B overtemp				Klixon	0	Low motor current and contactor dropped
b2004.10,c62	E:TBRA11	Target motor A overtemp				Klixon	0	Low motor current and contactor dropped
b2004.11,c63	E:TBRA12	Target motor B overtemp				Klixon	0	Low motor current and contactor dropped
b2002.12,c24	E:H1RA13	Horn 1 motor A low current			I switch		0	Low motor current yet contactor pulled in
b2002.13,c25	E:H1RA14	Horn 1 motor B low current			I switch		0	Low motor current yet contactor pulled in
b2003.12,c44	E:H2RA13	Horn 2 motor A low current			I switch		0	Low motor current yet contactor pulled in
b2003.13,c45	E:H2RA14	Horn 2 motor B low current			I switch		0	Low motor current yet contactor pulled in
b2004.12,c64	E:TBRA13	Target motor A low current			I switch		0	Low motor current yet contactor pulled in
b2004.13,c65	E:TBRA14	Target motor B low current			I switch		0	Low motor current yet contactor pulled in
b2004.14,c46	E:TBRA15	Tgt surge tank He leak detected		700 mV			0	
b2004.15,c47	E:TBRA16	Tgt Baratron pressure low			21 psig		60 sec	Trips beam permit, not motor
v2747,b2007.11	E:TPCL94	Condensate Level High High				0x0B61	15 sec	Trips chiller and glycol pumps,~27.25 in